



**State of New Hampshire**  
**DEPARTMENT OF ENVIRONMENTAL SERVICES**

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Ms. Kate Kelley  
Rochester Country Club  
PO Box 7369  
Gonic, New Hampshire 03839

LETTER OF DEFICIENCY  
WMB PBF 03-33  
September 19, 2003

Dear Ms. Kelley

The Department of Environmental Services, Water Division ("DES") is required by RSA 485-A:26 to operate a program to ensure the health and safety of the public when using public bathing facilities such as pools and spas. To implement this program, DES has adopted administrative rules Env-Ws 1101-1105 to specify the design, operation, and maintenance requirements for public bathing facilities. DES reviews applications for new public bathing facilities and also inspects and tests the water in existing public bathing facilities to ensure that applicable requirements are being met.

On August 18, 2003, DES inspected the pool at the Rochester Country Club, in Rochester, NH ("the Pool").

During this inspection, the following deficiencies were noted:

- Env-Ws 1103.15(c) requires a free residual chlorine concentration between 1.0 mg/L and 3.0 mg/L in public pool water. The free chlorine residual of the Pool water was 0.6 mg/L on August 18, 2003.
- 2 Env-Ws 1104.01 requires the operator to test public bathing facility water for disinfectant residual, pH, and temperature prior to use of a public bathing facility and every 4 hours during operation, to record test results on a dated daily log sheet, and to maintain operational records for the previous twelve months and make these records available to DES and patrons of the public bathing facility upon request. Written records were not up to date at the time of the inspection relative to the required testing of the Pool water.
  - 3 Pursuant to Env-Ws 1104.03(b), the operator shall be responsible for posting conspicuously displayed signs informing patrons of the DES rules relative to patron responsibilities (enclosed copy) and any other safety rules developed by the bathing facility management. Patron rules were not posted at the Pool at the time of the inspection.
  - 4 Env-Ws 1104.03(e)(1) states that the depth of water in feet shall be plainly and conspicuously marked at or above the water line on the vertical pool wall and on the top of the coping or edge of the deck or walk next to the pool. The depth of the Pool was not marked on the deck.
  - 5 Pursuant to Env-Ws 1103.11, all outdoor swimming pools shall have a wall, fence or other enclosure constructed around the entire pool or recreational area, which shall include self-closing and self-latching gates and shall be a minimum of 4 feet high measured on the inside and outside. The enclosure surrounding the Pool does not include self-closing and latching gates.
  - 6 Env-Ws 1105.01(k)(19) requires pool filtration systems to include a flow meter. The filtration system for the Pool did not include a functioning flow meter.  
  
Pursuant to Env-Ws 1105.01(k)(10), public swimming pools shall not be operated if an outlet grate is missing, broken or secured in such a way that it can be removed without the use of tools. One of the outlet grates /main drain covers for the Pool was loose.
  - 8 Swimming pool hydraulic design and filter systems shall comply with Env-Ws 1105.01(k). The circulation and filtration system for the Pool does not comply with Env-Ws 1105.01(k) (17), or (19).

Env-Ws 1103.05 requires shower facilities to be provided at all public bathing facilities. There is no shower at the Pool.

DES believes the cited deficiencies can be corrected prior to summer season 2004. A report outlining how compliance will be achieved with the cited deficiencies should be submitted to DES within 30 calendar days from receipt of this letter. The report should include the following:

1. A copy of two weeks of water quality test results for all facilities (please do not send originals).
2. The type, manufacture, and model of the flow meter to be installed.
3. A timetable of when:
  - a. the depth will be marked;
  - b. patron rules will be posted;
  - c. the installation of fencing will be completed;
  - d. the installation of the skimmer strainers will be completed; and
  - e. the installation of the flow meter will be completed.

DES personnel will conduct another inspection at a later date to determine whether you have come into, and are maintaining, full compliance with RSA 485-A:26 and Env-Ws 1101-1105. In the event that compliance is not achieved, DES may take further action, including seeking an administrative fine up to \$2,000 for each offense or referring the case to the NH Attorney General's Office for judicial action.

We appreciate your cooperation in this matter. Please contact Amy Wilson at (603) 271-7108 if you have any questions regarding this letter. Copies of Env-Ws 1101-1105 are available through the DES Public Information Center at (603) 271-2975 or via the Internet at <http://www.des.state.nh.us/pools/env1100.pdf>.

Sincerely,

  
Jody Connor  
Limnology Center Director

Enclosures

Certified Mail # 7000 1670 0000 0586 0240

cc: ✓ Mark Harbaugh, Enforcement Attorney, DES  
Amy Wilson, Public Bathing Facility Coordinator, DES  
Larry Hamer, Health Officer, Town of Rochester

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